

OPINION 1996 (Case 3158)***Helix lucorum* Linnaeus, 1758 and *Helix punctata* Müller, 1774 (currently *Otala punctata*; Mollusca, Gastropoda): usage of the specific names conserved by the replacement of the syntypes of *H. lucorum* with a neotype**

Keywords. Nomenclature; taxonomy; Gastropoda; Pulmonata; HELICIDAE; *Helix lucorum*; *Otala punctata*; edible snails.

Ruling

- (1) Under the plenary power all previous fixations of type specimens for the nominal species *Helix lucorum* Linnaeus, 1758 are hereby set aside and the specimen labelled as the neotype (length 32.71 mm, diameter 39.96 mm) in the Zoological Museum of the University of Copenhagen is designated as the neotype.
- (2) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *lucorum* Linnaeus, 1758, as published in the binomen *Helix lucorum* and as defined by the neotype designated in (1) above;
 - (b) *punctata* Müller, 1774, as published in the binomen *Helix punctata*.

History of Case 3158

An application to conserve the usage of the specific names of *Helix lucorum* Linnaeus, 1758 and *Helix punctata* Müller, 1774 by the replacement of the syntypes of *H. lucorum* with a neotype was received from Drs Christian Van Osselaer, Frédéric Chérot and Bernard Tursch (*Université Libre de Bruxelles, Laboratoire de Bio-Ecologie, Brussels, Belgium*) and Dr Thierry Backeljau (*Institut royal des Sciences Naturelles de Belgique, Brussels, Belgium*) on 4 May 2000. After correspondence the case was published in BZN 58: 8–12 (March 2001).

Decision of the Commission

On 1 December 2001 the members of the Commission were invited to vote on the proposals published in BZN 58: 11. At the close of the voting period on 1 March 2002 the votes were as follows:

Affirmative votes – 24: Alonso-Zarazaga, Bock, Böhme, Bouchet, Brothers, Calder, Cogger, Eschmeyer, Evenhuis, Fortey, Halliday, Kerzhner, Lamas, Macpherson, Mahnert, Martins de Souza, Mawatari, Minelli, Nielsen, Papp, Patterson, Song, Štys, van Tol

Negative votes – none.

No votes were received from Dupuis, Kraus, Ng and Rosenberg.

Bouchet commented: 'It would have been possible to select a lectotype of *Helix castanea* Olivier, 1801 as the neotype of *H. lucorum* Linnaeus, 1758. One 'probable' syntype, from among three in the Muséum National d'Histoire Naturelle, Paris, was illustrated by Tillier & Mordan (1983, *Journal of Conchology*, 31: 157, pl. 6, fig. 1). In

this way *H. mutata* Lamarck, 1822 (the first available replacement name for the homonymous *H. castanea* Olivier) would have been an objective, rather than subjective, synonym of *H. lucorum*. *Helix castanea* Olivier, 1801, non Müller, 1774, was also renamed *H. mahometana* Bourguignat, 1860'.

Original references

The following are the original references to the names placed on an Official List by the ruling given in the present Opinion:

lucorum, *Helix*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 773.

punctata, *Helix*, Müller, 1774, *Vermium terrestrium et fluviatilium, seu Animalium infusoriorum, Helminthicorum et Testaceorum, non marinorum, succincta historia*, vol. 2, p. 21.